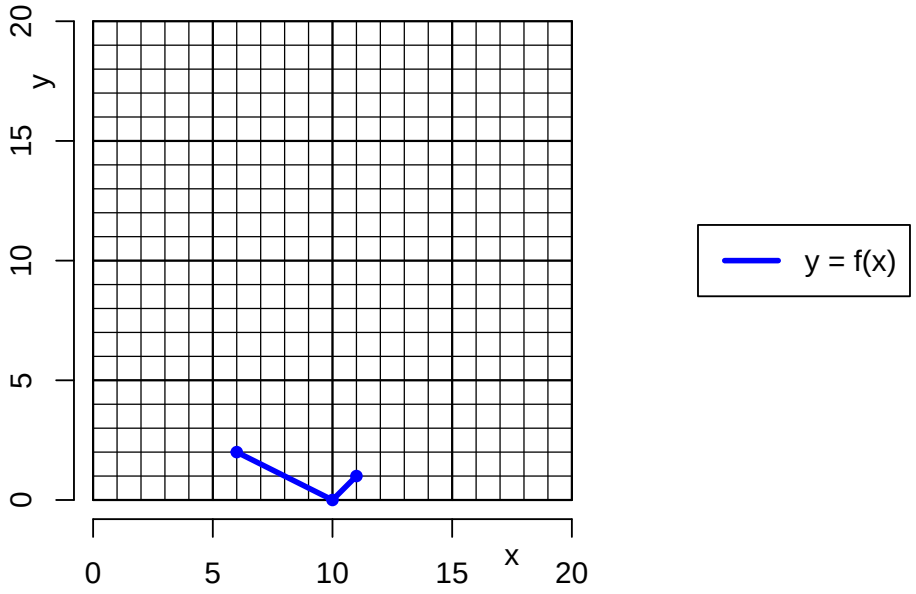
Name: Date:

# PCW_09_18 Find new points after transformation (version 31)

## Question 1

Curve $y = f(x)$ contains points $(6, 2)$ and $(10, 0)$ and $(11, 1)$, as shown on the $x$-$y$ plane below.

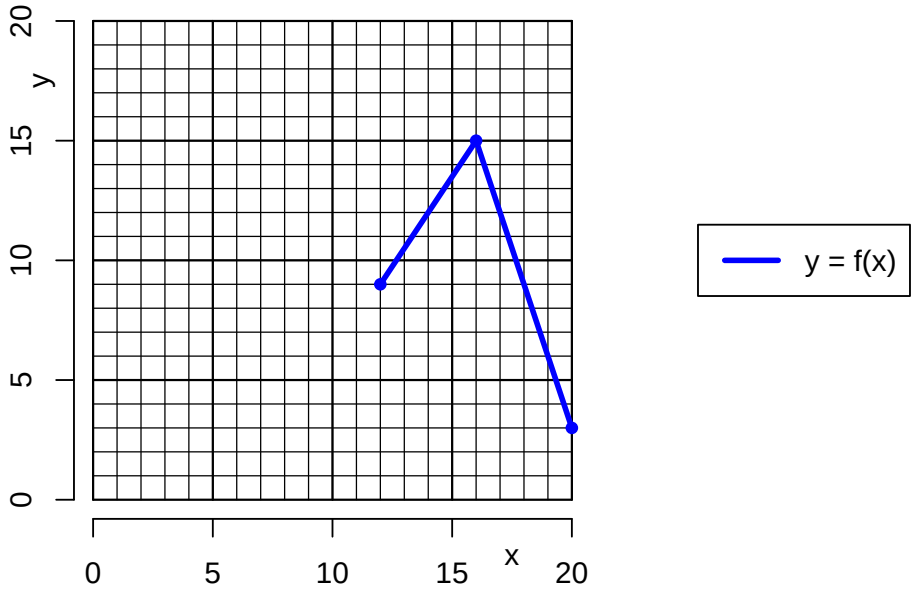



On the same plane, please draw the curve represented by the equation below:

$$y = 3\left(f\left[\frac{x+2}{2}\right]+4\right)$$

## Question 2

Curve $y = f(x)$ contains points $(12, 9)$ and $(16, 15)$ and $(20, 3)$, as shown on the $x$-$y$ plane below.




On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[2x - 2]}{3} - 1$$